

**Abstract**

The invention relates to a communications system comprising a transmitter (30) and a receiver (30) for transmitting transparent data over a connection (32) therebetween. The bandwidth ( $b_2$ ) assigned to the connection (32) is wider than the bandwidth ( $b_1$ ) actually required by a nominal bit rate of the transparent data so as allow the use of a retransmitting protocol over the connection by enabling data transmission to stop and wait for retransmission of the incorrectly received frames while a transparent connection with a constant delay and a constant bit rate and a low BER is provided to the user. The incoming transparent data stream with a constant bit rate is buffered into a transmission buffer (300) and the frames received over the retransmitting connection (32) are buffered into a receiving buffer (310) which outputs the transparent data at the constant nominal bit rate.

(Figure 3)